

IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (currently amended) A nonaqueous-electrolyte secondary battery comprising:
 - a laminating structure, in which at least a positive electrode and a negative electrode are laminated;
 - a film-like or sheet-like package member covering the laminating structure;
 - a lead electrode, which joints to the laminating structure and protrudes from an end of the package member toward the outside, the package member having a top portion positioned at a top side of the lead electrode and a bottom portion positioned at a bottom side of the lead electrode; and
 - a top sealing member, which is ~~inserted into~~ located in a gap between ~~an~~ the end of the top portion of the package member and the lead electrode, and seals the gap by fusing a top portion thermoplasticity material, and
 - a bottom sealing member, which is located in a gap between an end of the bottom portion of the package member and the lead electrode, and seals the gap by fusing a bottom portion thermoplasticity material,
 - the top sealing member and the bottom sealing member each extending to the width of the end of the package member.
2. (currently amended) A nonaqueous-electrolyte secondary battery according to claim 1, wherein the ~~sheet-like~~ package member comprises ~~is covered with the package member employing~~ a metal laminate pack material comprising package resin, a metal film, and a sealant layer, ~~and is sealed in its end.~~
3. (currently amended) A nonaqueous-electrolyte secondary battery according to claim 1, wherein the positive electrode comprises ~~is employed~~ lithium mix oxide including ~~whose main base is~~ LiMO_2 (the transition metal M is a material selected from a group consisting of Co, Ni, and Mn); and
 - the negative electrode comprises one of ~~is employed~~ a non-graphitizing carbon material and ~~or~~ a graphite material.

4. (original) A nonaqueous-electrolyte secondary battery according to claim 1, wherein a solid electrolyte or gel-type electrolyte is employed.

5. (original) A nonaqueous-electrolyte secondary battery according to claim 4, wherein the electrolyte is gel-type electrolyte.

6. (currently amended) A nonaqueous-electrolyte secondary battery according to claim 5, wherein the gel-type electrolyte comprises ~~is made of~~ a fluorine macromolecule including ~~containing~~ an electrolyte salt and a solvent.

7-23. (canceled).